Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"while drilling" and seismic and (surface near4 source) and ((arrival or transit or checkshot) with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/23 08:46
S2	0	"while drilling" and seismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 11:25
S3	3	"while drilling"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 11:26
S4	536	(MWD or LWD) and (surface with source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 11:36
S5	183	(MWD or LWD) and (surface with source) and seismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 11:42
S6	16	seismic and checkshot$ and (transit near3 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 11:43
S7	17	("20030085039" | "20030185099" | "4281403" | "4675684" | "5208539" | "5555220" | "5585556" | "5657340" | "5828751" | "6023444" | "6024344" | "6341498" | "6426679" | "6474254" | "6553316" | "6614718" | "6672093").PN. OR ("6837105"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:15
S8	257	367/27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:15

S9	417	367/25.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:15
S10	67	367/26.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:15
S11	390	702/6.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:19
S12	142	367/33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:19
S13	159	(S8 S9 S10 S11 S12) and (surface near5 source)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:27
S14	6	harmon.in. and seismic	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:27
S15	6	("4627036" | "5400299").PN. OR ("6131694").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:42
S16	12	("3898610" | "4981037" | "5128866").PN. OR ("5343440").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:42
S17	0	("2004/0122593").URPN.	USPAT	OR	ON	2005/06/21 15:43
S18	1	("2002/0060952").URPN.	USPAT	OR	ON	2005/06/21 15:43
S19	5	("4305041" | "5555220" | "5962819" | "6023444").PN. OR ("6614718").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:43
S20	13	("4254481" | "4293937" | "4298970" | "4320473" | "4368987" | "4562559" | "5425004" | "5592438" | "5850369" | "5924499" | "6131694" | "6236623").PN. OR ("6400646").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:44
S21	18	("3972019" | "4216536" | "4627036" | "4694166" | "4894807" | "4901289" | "5062084" | "5130705" | "5130950" | "5253223" | "5515039").PN. OR ("5555220").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:44
S22	10	("3717844" | "3878502" | "3914732" | "4051907" | "4147222" | "4281403" | "4807200" | "6002640" | "6308137").PN. OR ("6584406").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:45

S23	61	S15 S16 S17 S18 S19 S20 S21 S22	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:56
S24	53	"3185997" "3260112" "3710448" "5555229" "5585556" "5582475"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 15:57
S25	19	"4635238" "6400646"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 15:57
S26	71	S24 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 15:57
S27	11	("3876016" | "4873675" | "4965774" | "5111437" | "5148407" | "5372207" | "5511038" | "5555220" | "5774418" | "5798488" | "5901113").PN. OR ("6382332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 16:28
S28	369	(arrival adj time) and (borehole or wellbore) and (drilling or drillstring or (drill adj string))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 09:06
S29	137	seismic and source and (signal with (coded or programmed) with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 16:20
S30	182	73/152.03.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/23 08:59
S31	1107	seismic and (source with surface) and (borehole or wellbore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/23 08:59

S32	49	seismic and (source with surface) and (borehole or wellbore) and (checkshot or (check adj shot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/23 09:00
S33	249	seismic and (source with surface) and (borehole or wellbore) and (arrival near3 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/23 09:00
S34	48	seismic and (coded with (source or signal)) and (drillstring or (drill adj string) or drill-string)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 17:10
S35	131	seismic and (source with surface) and (signal with coded)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 17:30
S36	50	seismic and (source with surface) and (signal with coded) and drill	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 17:30
S37	89	seismic and (coded with signal) and (arrival with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 11:33
S38	21	seismic and (coded with signal) and (arrival with time) and (drill or drillstring or (drill adj string))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 12:17
S39	25	seismic and (coded adjsignal) and (arrival with time) and (drill or drillstring or (drill adj string))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 11:34

S40	8	seismic and (coded adj signal) and (arrival with time) and (drill or drillstring or (drill adj string))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 11:34
S41	8	seismic and vibrator and (drillstring or (drill adj string) or drill-string) and ((arrival adj time) or (direct adj arrival))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 12:28
S42	122	(MWD or LWD or (measur$4 near3 drilling) or (logging near3 drilling)) and (vibrator or vibroseis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 14:45
S43	83	seismic and vibrator and (coded near3 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:13
S44	278	181/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 14:45
S45	53	181/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 14:46
S46	299	181/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 14:46
S47	25	seismic and (vibrator with coded)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:21

S48	1	seismic and (vibrator with coded) and borehole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:13
S49	2	seismic and (vibrator with coded) and drill	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:13
S50	307	367/189.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:21
S51	12	367/189.ccls. and coded	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:22
S52	18	367/189.ccls. and code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:36
S53	118	"367"/$.ccls. and vibrator and sweep and (code or coded)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:37
S54	23	("3886493" | "4004267" | "4204278" | "4339810" | "4493067" | "4512001" | "4598392" | "4680741" | "4686654" | "4766576" | "4768174" | "4780856" | "4823326" | "5347494").PN. OR ("5410517").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/02 15:49
S55	239	seismic and (vibrator or vibroseis) and code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 17:26

| S56 | 296 | seismic and (vibrator or vibroseis) and code$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 17:26 |
| S57 | 194 | seismic and (vibrator or vibroseis) and (code$1 with signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/09 17:27 |